

V&V Summary Report

L2 ASCDS Version : 7.6.10

Observation 702 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jul 30 2007

See [axaff00702N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2007.08.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.75

Comments

Zeroth order severely piled up and 'cratered'. Standard data processing software did not correctly locate the zeroth order due to pileup. Manual intervention was used to input the correct sky coordinates (x=4073.97; y=4117.89) into the *src1a.fits file table. These corrected coordinates were determined using a software tool developed by CXC called findzero, which is expected to be released in CIAO (currently in ISIS). The tool calculates the point of intersection of the readout streak and the meg arm (preferred position), or the readout streak and the heg arm. The zeroth order source position determined by the standard pipeline processing using the tool tgdetect was not used in this processing. The newly determined zeroth order coordinates have been placed in the *src1a.fits file, replacing the coordinates determined by tgdetect. Note that these corrected coordinates of the zeroth order cannot be reproduced by running tgdetect on the data. Spectral arms are also piled up.

seq_num	400069
obs_id	702
title	RESOLVING LOW ENERGY LINES FROM LMXRB
observer	Dr Lorella Angelini
object	X1543-62
dtcycle	0
cycle	P
ra_targ	236.977917
dec_targ	-62.568056
ra_nom	236.97082635434
dec_nom	-62.571274895901
roll_nom	247.17707977248
revision	3
ontime	27747.200025842
livetime	27395.848271756
ontime4	27747.200025842
ontime5	27747.200025842
ontime6	27747.200025842
ontime7	27747.200025842
ontime8	27743.959065601
ontime9	27747.200025842
l2events	870357

